E-CORE LED FLOODLIGHT 5500

The swivelling architecture light called the E-CORE LED FLOODLIGHT 5500 ensures impressive, bright and thus very cost-effective lighting. You enjoy tremendous flexibility with your light design thanks to the finely graduated light intensities, three different Kelvin ranges and various beam angles. Furthermore, the constant luminous flux control over the entire operational life offers unvarying brightness.

Application:

- Architectual Lighting
- Area Lighting

Product details

- Dimmable: No
- Class: II
- Protection rating: IP65
- Power factor: 0.9
- Temperature range: -20°C to +35°C
- Constant lumen output
- ENEC

Optical parameters

MODEL NAME	E-CORE LED FLOODLIGHT 5500 / NARROW - 11°		
Product code	LEDEUF00023I30	LEDEUF00023I40	LEDEUF00023I50
Luminous flux (lm)	4,035	4,035	5,760
Colour description	Warm white	Neutral white	Neutral white
Colour temperature (K)	**3000**	**4000**	**5000**
Colour rendering index (Ra)	> 80	> 80	> 70

MODEL NAME	E-CORE LED FLOODLIGHT 5500 / MIDDLE - 25°		
Product code	LEDEUF00024I30	LEDEUF00024I40	LEDEUF00024I50
Luminous flux (lm)	3,720	3,720	5,315
Colour description	Warm white	Neutral white	Neutral white
Colour temperature (K)	**3000**	**4000**	**5000**
Colour rendering index (Ra)	> 80	> 80	> 70

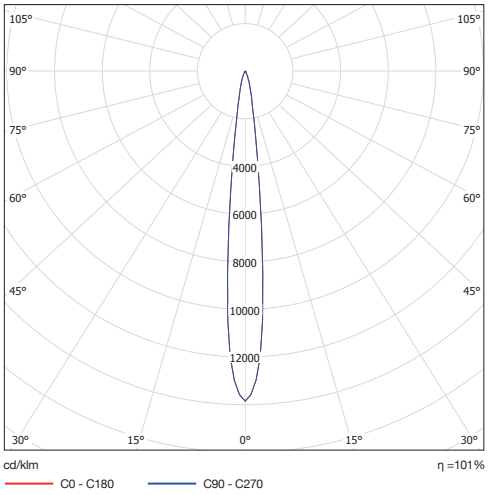
MODEL NAME	E-CORE LED FLOODLIGHT 5500 / WIDE - 43°		
Product code	LEDEUF00025I30	LEDEUF00025I40	LEDEUF00025I50
Luminous flux (lm)	3,695	3,695	5,280
Colour description	Warm white	Neutral white	Neutral white
Colour temperature (K)	**3000**	**4000**	**5000**
Colour rendering index (Ra)	> 80	> 80	> 70

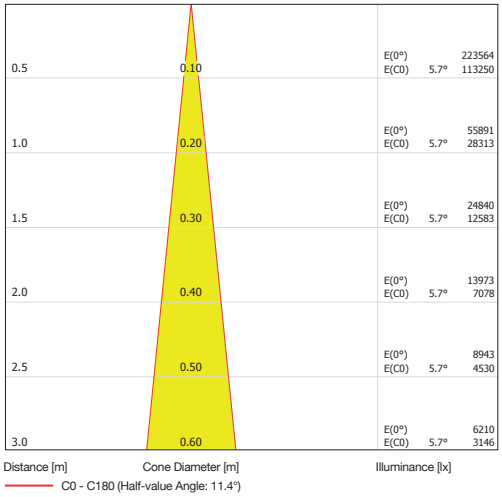
MODEL NAME	E-CORE LED FLOODLIGHT 5500 / ASYMMETRY - 58° x 127°		
Product code	LEDEUF00026I30	LEDEUF00026I40	LEDEUF00026I50
Luminous flux (lm)	3,395	3,395	5,080
Colour description	Warm white	Neutral white	Neutral white
Colour temperature (K)	**3000**	**4000**	**5000**
Colour rendering index (Ra)	> 80	> 80	> 70

Optical parameters

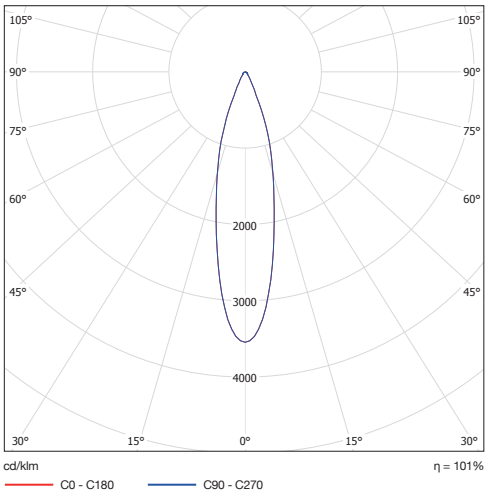
POLAR CANDELA DISTRIBUTION	ILLUMINANCE

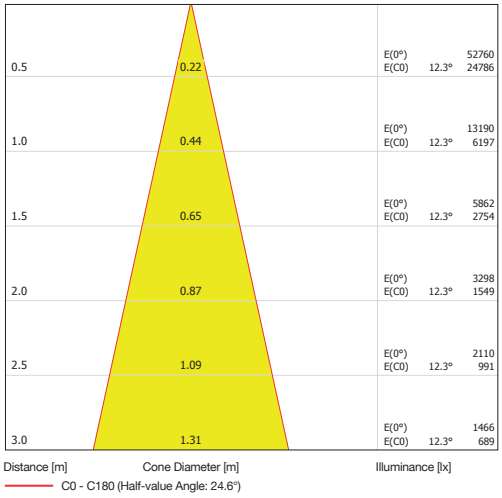
LEDEUF00023I40 – NARROW / 4000 K



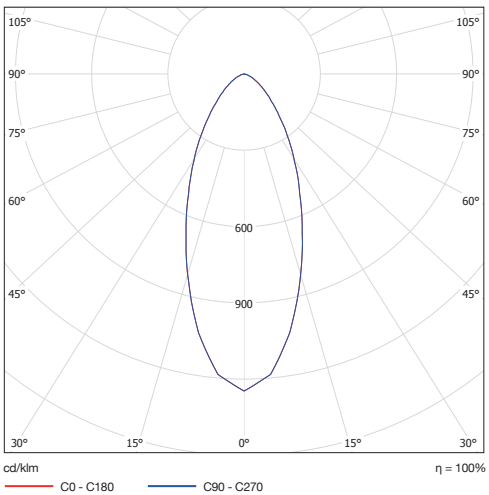


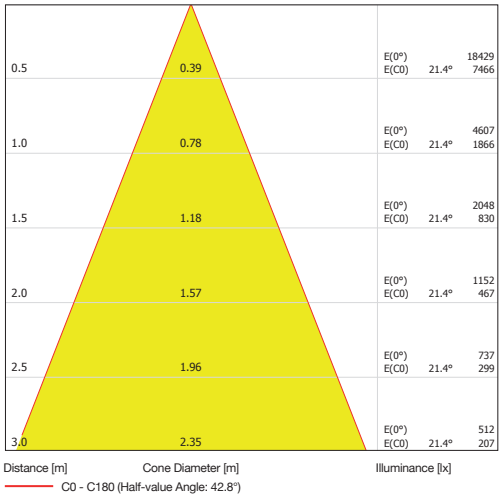
LEDEUF00024I40 – MIDDLE / 4000 K





LEDEUF00025I40 – WIDE / 4000 K

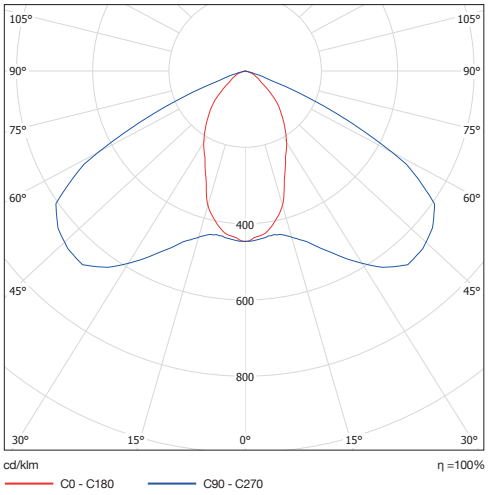




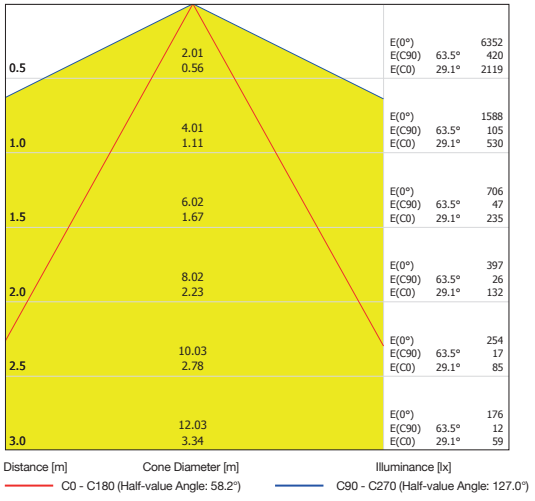
Optical parameters

POLAR CANDELA DISTRIBUTION

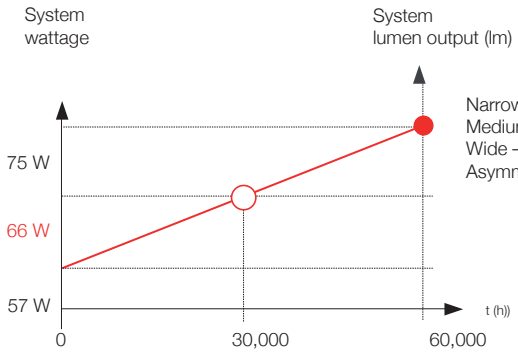
LEDEUF00026I40 – ASYMMETRY / 4000 K



ILLUMINANCE



CONSTANT LUMEN OUTPUT



Narrow – 4,035/ 5,760 lm
Medium – 3,720 / 5,315 lm
Wide – 3,695 / 5,280 lm
Asymmetry – 3,393 / 5,080 lm

Initial wattage	▸ 57 W
Average wattage	▸ 66 W
End of life wattage	▸ 75 W

CLO – Constant Light output Technology increases the wattage of product over time to overcome Lumen Maintenance drop. As a result the rated wattage stated is the wattage at end of life at 60,000 hours (L 70). For energy calculations, please use average wattage over life.

Electrical parameters

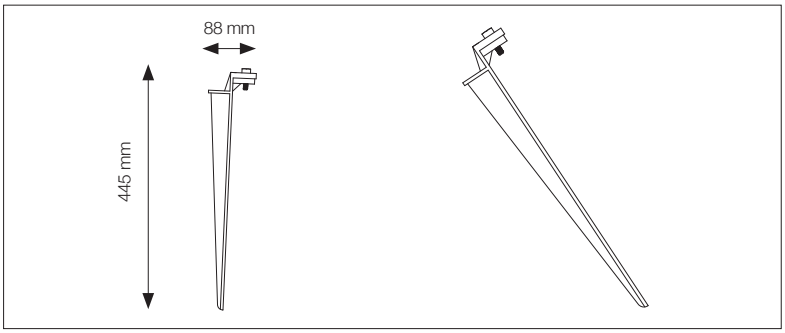
MODEL NAME	E-CORE LED FLOODLIGHT 5500
Rated voltage (V)	220-240
Rated wattage (W)	Initial: 57 W / Average: 66 W / End of life: 75 W
Frequency (Hz)	50 / 60
Rated input current (mA)	342
Power factor	>0.9
Connection	3 x (0.75 - 2.5) mm^2
Dimming / CLO	No / Constant Light Output

Mechanical parameters

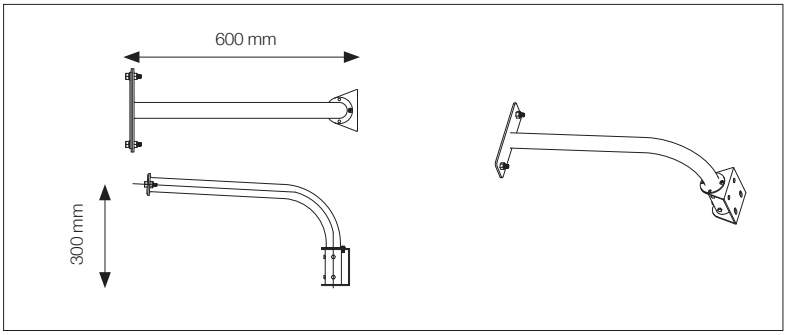
MODEL NAME	E-CORE LED FLOODLIGHT 5500
Body	Die Cast Aluminium
Finishing	Silver
Lighting outlet	2
Type of installation	Surface mounting
Electrical class	Class II
IP/IK rating	IP65 / IK07
Lifetime	60,000 hours
LED module	Non-replaceable – Integrated
Approval mark	CE / ENEC
Ambient temperature Ta range	-20 °C – +35 °C
Net weight (g)	3,500 g

Accessories

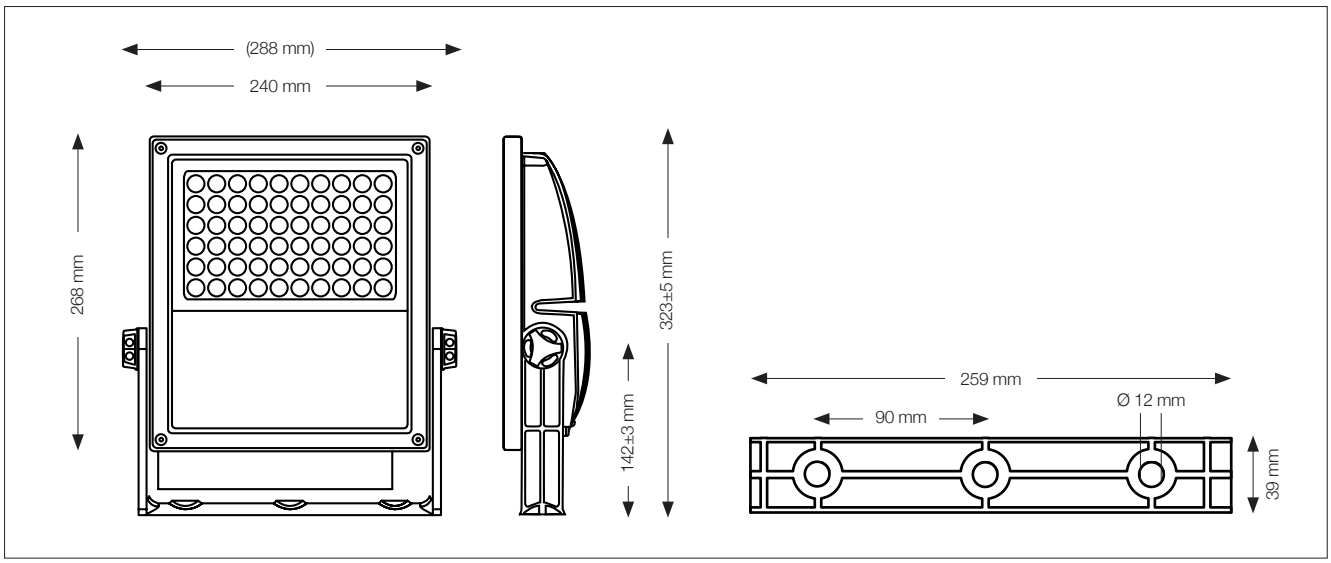
MODEL NAME	GRASS MOUNTING SPIKE	
Product code	LEDEUFX0004	LEDEUFX0005
Finishing	White	Silver

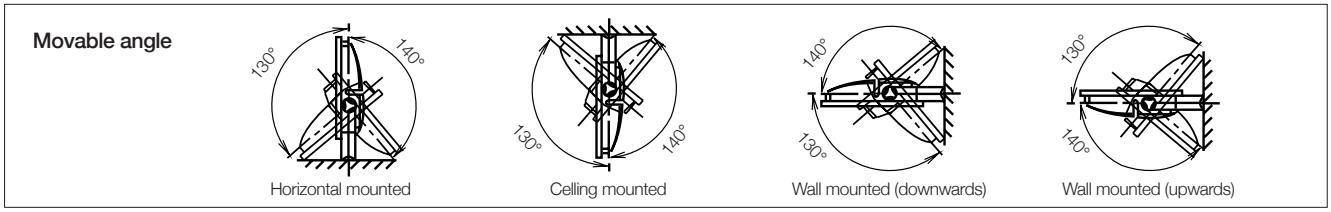


MODEL NAME	WALL MOUNTING ARM	
Product code	LEDEUFX0002	LEDEUFX0003
Finishing	White	Silver



Drawings


(288 mm)
240 mm
268 mm
323±5 mm
142±3 mm
259 mm
90 mm
Ø 12 mm
39 mm


Movable angle
130°
140°
Horizontal mounted
130°
140°
Celling mounted
140°
130°
Wall mounted (downwards)
130°
140°
Wall mounted (upwards)

Logistic data

PRODUCT CODE	EAN CODE	DESCRIPTION	SIZE OF PACKAGING (mm) L x H x W	GROSS WEIGHT (g)
LEDEUF00023I30	4974550446259	E-CORE LED FLOODLIGHT 5500 3000 K / Narrow	340 x 310 x 105	4,620
LEDEUF00023I40	4974550446266	E-CORE LED FLOODLIGHT 5500 4000 K / Narrow	340 x 310 x 105	4,620
LEDEUF00023I50	4974550446273	E-CORE LED FLOODLIGHT 5500 5000 K / Narrow	340 x 310 x 105	4,620
LEDEUF00024I30	4974550446280	E-CORE LED FLOODLIGHT 5500 3000 K / Medium	340 x 310 x 105	4,620
LEDEUF00024I40	4974550446297	E-CORE LED FLOODLIGHT 5500 4000 K / Medium	340 x 310 x 105	4,620
LEDEUF00024I50	4974550446303	E-CORE LED FLOODLIGHT 5500 5000 K / Medium	340 x 310 x 105	4,620
LEDEUF00025I30	4974550446310	E-CORE LED FLOODLIGHT 5500 3000 K / Wide	340 x 310 x 105	4,620
LEDEUF00025I40	4974550446327	E-CORE LED FLOODLIGHT 5500 4000 K / Wide	340 x 310 x 105	4,620
LEDEUF00025I50	4974550446334	E-CORE LED FLOODLIGHT 5500 5000 K / Wide	340 x 310 x 105	4,620
LEDEUF00026I30	4974550446341	E-CORE LED FLOODLIGHT 5500 3000 K / Asymmetric	340 x 310 x 105	4,620
LEDEUF00026I40	4974550446358	E-CORE LED FLOODLIGHT 5500 4000 K / Asymmetric	340 x 310 x 105	4,620
LEDEUF00026I50	4974550446365	E-CORE LED FLOODLIGHT 5500 5000 K / Asymmetric	340 x 310 x 105	4,620
LEDEUFX0004	4974550453929	Grass Mounting Spike - White		
LEDEUFX0005	4974550453936	Grass Mounting Spike - Silver		
LEDEUFX0002	4974550453905	Wall mounting Arm - White		
LEDEUFX0003	4974550453912	Wall Mounting Arm - Silver		

www.toshiba.eu/lighting

10/2013

Product specifications and configurations, and availability of products are subject to change. Variations in product design and product features are subject to change. Colours may vary from illustration. Errors and omissions excepted.
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